MBON Data Management and Cyberinfrastructure Working Group (MBON DMAC WG)

Mathew Biddle Friday, October 22, 2021 2021 MBON All-Hands





Purpose

WG purpose:

To implement interoperability, data archival, and publication standards for marine and coastal biodiversity observations.

Convergence on best practices for:

- Data formatting (from collection to application)
- Data interoperability
- Data archive
- Interconnectedness of databases

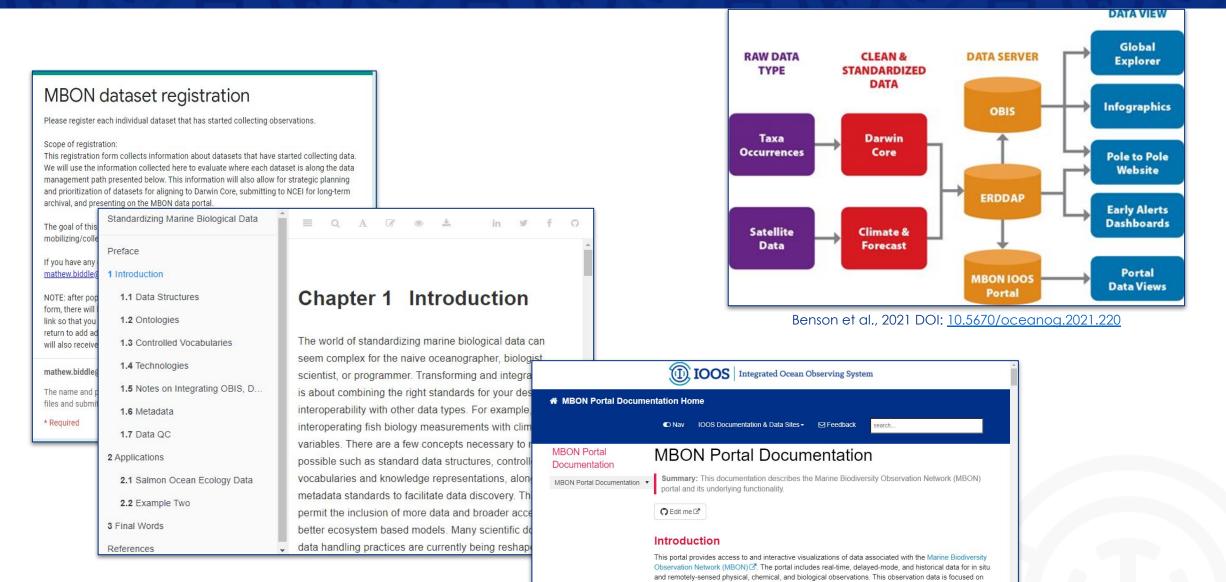


Accomplishments

(ongoing)

- inventory categories /sources of data (<u>Google Form</u>)
- identify formatting and interoperability strategies
- trace paths for database integration
- Document management pipelines
- Coordinate with other groups (ESIP, OBIS, etc)

What have we done so far?



organisms from microbes to whales, including measures of biodiversity (e.g. presence, abundance), productivity, genomics, phenology, and other relevant ecological process measurements or indices. Also featured are habitat characterization and habitat diversity measures, including satellite data and addedvalue data derived from satellite observations, and neural network model results, such as biogeographical

Next Steps

- Connecting with the users
- Connecting MBON working groups/projects
 - Bring them to the MBON DMAC working group!



